UTILITY PATENT APPLICATION

10013.0001US Attorney Docket No. ΧU First Inventor

TRANSMITTAL	Title	MICRO-PUMP							
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expre	ss Mail Label No. EL379769229US							
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450							
X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. X Specification [Total Pages 2	0]	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessarv) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies							
Background of the Invention Brief Summary of the Invention		ACCOMPANYING APPLICATIONS PARTS							
- Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets] 5. Oath or Declaration [Total Pages] a. X Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting INVENTOR(S) NAMED IN THE PRIOR APPLICAT SEE 37 CFR 1.63(D)(2) AND 1.33(B). 6. X Application Data Sheet. See 37 CFR 1.76	d supply the	9. X Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement							
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.									
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS									
X Customer Number		31495 or Correspondence address below							
Name									
Address		·							
City Si	ate	Zip Code							
Country Te	elephone	Fax							
Name (Print/Type) Greg S. Hollrigel		Registration No. (Attorney/Agent) 45,374							
Signature .	76/1	Date October 1, 2003							

FEE TRANSMITTAL for FY 2003			Complete if Known						
			Application Number To be assigned						
			Date			October 1, 2003			
			First Named Inventor			XU			
Patent fees are subject to annual revision.		Group Art Unit NA			NA				
Application claims small entity status. See 37 CFR 1.27			Examiner Name NA						
TOTAL AMOUNT OF PAYMENT (\$) 810.00		Attorney Docket No. 10013.0001US							
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)							
Check Credit Money Other None	3. ADDITIONAL FEES								
Deposit Account	5-10- C11 F-10-								
Deposit Account 13-5135	Fee	e Entity Small Entity Fee				Enc Decembring			
Number 13-3133		(\$)	Code	(\$)		Fee Description	Fee Paid		
Deposit Account Greg S. Hollrigel	1051	130	2051	65	Surcharge	- late filing fee or oath			
Name The Commissioner is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge sheet.	Surcharge – late provisional filing fee or cover			
Charge fee(s) indicated below Credit any overpayments	1053	130	1053	130					
					•	-English specification			
Charge any additional fee(s) associated with this communication	1812	·	1812	2,520	_	ng a request for ex parte reexamination esting publication of SIR prior to			
Charge fee(s) indicated below, except for the filing fee	1804		1804	920*	Examiner	iner action			
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Examiner	sting publication of SIR after ner action			
FEE CALCULATION	1251		2251	55		for reply within first month	<u> </u>		
1. BASIC FILING FEE	1252		2252	210		for reply within second month			
Large Entity Small Entity	1253	950	2253	475		for reply within third month			
Fee Fee Code (\$) Code (\$) Fee Description Fee Paid	1254	1,480	2254	740		for reply within fourth month	ļ		
1001 770 2001 385 Utility filing fee 770	1255	-	2255	1,005		for reply within fifth month			
1002 340 2002 170 Design filing fee	1401		2401	165	Notice of	•••	-		
1003 530 2003 265 Plant filing fee	1402		2402	165	_	ief in support of an appeal			
1004 770 2004 385 Reissue filing fee	1403		2403	145	-	or oral hearing	—		
1005 160 2005 80 Provisional filing fee	1451		1451 2452	1,510 55		institute a public use proceeding province in a public use proceeding province in a public use province	-		
SUBTOTAL (1) (\$) 770	1453		2453	665		revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501		2501	665		ue fee (or reissue)			
Extra Fee from Fee Paid	1502		2502	240	Design is				
Total Claims 15 - 20 = 0 x 18 = 0	1503		2503	320	Plant issu	ie fee			
Independent 1 -3 = 0 x 86 = 0	1460		1460	130		to the Commissioner			
Claims Unitiple Dependent =	1807		1807	50	Processir	ng fee under 37 CFR 1.17(q)			
	1806	6 180	1806	180	Submissi	on of Information Disclosure Stmt			
Large Entity Small Entity	802		8021	40	Recording	g each patent assignment per	40		
Code (\$) Code (\$)					property (times number of properties) Filing a submission after final rejection				
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	9 770	2809	385	(37 CFR 1.129(a))				
1203 290 2203 145 Multiple dependent claim, if not paid	181	0 770	2810	385	For each additional invention to be examined (37CFR 1 129(h))		L_		
1204 86 2204 43 ** Reissue independent claims	180	1 770	2801	385	Request for Continued Examination (RCE)				
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20		1802 900 1802 900 Request for expedited examination of a design application							
and over original patent	Othe	Other fee (specify)							
SUBTOTAL (2) (5) 0	•Re	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40							
**or number previously paid, if greater; For Reissues, see above									
SUBMITTED BY		Complete (if applicable)							
Name (Print/Time) Grog S. Hallrigel	10. A	5 37/		Telephone 040 450 1750					

Signature

Date

October 1, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

To be assigned

Applicant

XU et al.

Filed

Herewith

Title

: MICRO-PUMP

TC/A.U.

NA

Examiner

NA

Docket No.

10013.0001US

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

EXPRESS MAIL MAILING LABEL NO.

EL379769229US

Date of Deposit:

October 1, 2003

I hereby certify that the following documents as identified below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

- 1. Utility Patent Application Transmittal;
- 2. Fee Transmittal (in duplicate);
- 3. Application Data Sheet (2 pages);
- 4. Specification/Abstract (20 pages);
- 5. Drawings (8 sheets);

- 6. Declaration for Patent Application (2 pages);
- 7. Assignment & Form PTO-1595; and
- 8. Stamped, self-addressed postcard.

Each of the 8 above-identified documents are enclosed herewith.

Date: 10/1/03

Respectfully submitted,

Greg S. Hollrigel

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